



- Notes:**
- 1) $CE=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15$; 2) $SiE=Si+2.5P$; 3) Gauge Length for E= 5.65VSo; 4) Impact test piece thickness is 5 mm;
 - 5) For t less than 6 mm L0 properties derived as per Cl 9.4.2.3 (b) of AS/NZS 1163; 6) "L" = LADLE, "P" = PRODUCT
 - 7) ALS=Australian Laboratory Services Industrial; VTS= Victorian Testing Inspection Services P/L; SS=Spectrometer Services Pty Ltd; BSL=Bluescope Steel;
 - 8) The production date in the format yyddd constitutes the first 5 digits of the pack number and is printed on each length;
 - 9) The steel is made by basic oxygen or an electric arc process and is fully killed, continuously cast and fine grained. The strip was hot rolled at the hot strip mill.
 - 10) Statistical sampling to AS1163 Cl B3.2.

Packs covered by this certificate

Heat	Pack Numbers
7796999	21331M10086 21331M10087 21331M10088 21333M10029 21333M10030 21333M10031 21333M10032 21333M10033 21333M10034 21333M10036 21333M10037 21333M10038 21333M10039 21333M10042 21333M10043 21333M10044 21333M10045 21333M10046 21333M10047 21333M10049 21333M10050 21333M10051
7808679	21331M10088 21331M10089 21331M10090 21331M10091 21331M10092 21331M10093 21331M10094 21331M10095 21331M10097 21331M10098 21331M10099 21331M10100 21331M10102 21331M10103 21331M10104 21331M10115 21331M10116 21331M10117 21331M10119 21331M10120 21333M10004 21333M10005 21333M10006 21333M10041 21333M10042
7808659	21331M10090 21331M10091 21331M10095 21331M10096 21331M10097 21331M10100 21331M10101 21331M10102 21331M10105 21331M10106 21331M10107 21331M10120 21331M10121 21331M10122 21333M10001 21333M10002 21333M10017 21333M10018 21333M10019 21333M10021 21333M10022 21333M10023 21333M10047 21333M10048 21333M10049 21333M10051 21333M10052 21333M10053
7804579	21331M10104 21331M10105 21333M10028 21333M10029 21333M10031 21333M10032 21333M10034 21333M10035 21333M10036 21333M10039 21333M10040 21333M10041 21333M10054 21333M10055 21333M10056 21333M10061 21333M10062 21333M10066 21333M10067 21333M10071 21333M10072 21333M10073 21333M10074
7804839	21331M10107 21331M10108 21331M10109 21333M10009 21333M10010 21333M10011 21333M10012 21333M10013 21333M10014 21333M10016 21333M10017 21333M10019 21333M10020 21333M10021 21333M10024 21333M10025 21333M10026 21333M10064 21333M10065 21333M10066 21333M10067 21333M10068 21333M10069 21333M10070 21333M10071 21333M10074 21333M10075
7807519	21331M10109 21331M10110 21331M10111 21331M10112 21331M10113 21331M10114 21331M10125 21331M10126 21333M10001 21333M10002 21333M10003 21333M10004



Product Test Certificate

211733

Certificate Number

2/12/2021

Date



CERT NO.
161104

7807228	21331M10114 21331M10115 21331M10117 21331M10118 21331M10119 21331M10122 21331M10123 21331M10124 21331M10125 21333M10006 21333M10007
7804749	21333M10007 21333M10008 21333M10009 21333M10011 21333M10012 21333M10014 21333M10015 21333M10016 21333M10053 21333M10054 21333M10057 21333M10058 21333M10059
6784789	21333M10023 21333M10024 21333M10026 21333M10027 21333M10028 21333M10056 21333M10057 21333M10059 21333M10060 21333M10061 21333M10062 21333M10063 21333M10064

Australian Pipe and Tube confirms that products listed above were manufactured, tested, and supplied in full compliance with the specifications quoted in this certificate.

**Authorized signatory: MIKE DOUBLEDAY
MANAGER**